

WHAT IS CLAIMED IS:

1. A fluid pressure control circuit, comprising:
 - a fluid pressure device which is operated by a fluid pressure;
 - a control valve which is connected to the fluid pressure device via a connecting passage, and which changes a flow rate of predetermined fluid that is to be supplied to the fluid pressure device or that is to be discharged from the fluid pressure device according to a position of a valve element; and
 - a pressure difference reflecting device which moves the valve element based on a difference in the fluid pressure between predetermined two different portions in the connecting passage and which changes the flow rate of the fluid that is to be supplied or to be discharged through the control valve according to the fluid pressure difference.
2. The fluid pressure control circuit according to claim 1, further comprising:
 - a circulation restricting device which is provided in the connecting passage and which regulates circulation of the fluid, wherein the pressure difference reflecting device reflects the fluid pressure difference between an upstream side and a downstream side of the circulation restricting device on movement of the valve element.
3. The fluid pressure control circuit according to claim 2, wherein the circulation restricting device includes an orifice.
4. The fluid pressure control circuit according to claim 2, wherein the circulation restricting device has two portions one of which is on the upstream side thereof and the other of which is on the downstream side thereof, and a pressure difference is caused between the two portions due to circulation resistance of the fluid that circulates through the connecting passage.
5. The fluid pressure control circuit according to claim 2, wherein the pressure difference reflecting device moves the valve element according to the fluid pressure difference such that as the fluid pressure difference increases, the flow rate of the fluid that is to be supplied or to be discharged through the control valve increases.

6. A fluid pressure control circuit, comprising:
 - a fluid pressure device which is operated by a fluid pressure;
 - a control valve which is connected to the fluid pressure device via a connecting passage, which supplies predetermined fluid to the fluid pressure device or discharges the fluid from the fluid pressure device, and which controls the fluid pressure in the connecting passage according to a predetermined pressure regulating load by changing a flow rate of the fluid to be supplied or to be discharged, the flow rate of the fluid being changed according to movement of a valve element to which the fluid pressure in the connecting passage is applied via a feedback passage that branches off from the connecting passage, the movement of the valve element being determined based on a relationship between the fluid pressure and the predetermined pressure regulating load; and
 - a pressure difference reflecting device which applies a pressure difference load corresponding to a fluid pressure difference between predetermined two different portions in the connecting passage and which changes the flow rate of the fluid that is to be supplied or to be discharged through the control valve according to the fluid pressure difference.
7. The fluid pressure control circuit according to claim 6, further comprising:
 - a circulation restricting device which is provided in the connecting passage and which restricts circulation of the fluid, wherein the pressure difference reflecting device reflects the fluid pressure difference between an upstream side and a downstream side of the circulation restricting device on the movement of the valve element.
8. The fluid pressure control circuit according to claim 7, wherein the circulation restricting device includes an orifice.
9. The fluid pressure control circuit according to claim 7, wherein the circulation restricting device has two portions one of which is on the upstream side thereof and the other of which is on the downstream side thereof, and a pressure difference is caused between the two portions due to circulation resistance of the fluid that circulates through the connecting passage.

10. The fluid pressure control circuit according to claim 6, wherein the pressure difference reflecting device moves the valve element according to the fluid pressure difference such that as the fluid pressure difference increases, the flow rate of the fluid that is to be supplied or to be discharged through the control valve increases.